

Converting Colors

XYZ(56.2230, 51.5651, 80.4574)

Have a look what the booklet for
XYZ(56.2230, 51.5651, 80.4574)
contains.

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Color

**XYZ(56.3373, 51.6538,
80.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B4E4
RGB	208, 180, 228
RGB Percent	82%, 71%, 89%
CMY	0.1843, 0.2941, 0.1059
CMYK	0.09, 0.21, 0.00, 0.11
HSL	275°, 47%, 80%
HSV	275°, 21%, 89%
XYZ	56.3373, 51.6538, 80.3997
YIQ	193.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

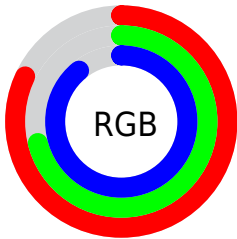
Format	Color
R _Y B	208, 180, 228
Decimal	13677796
CIE Lab	77.07, 18.83, -20.30
CIE LCh	77, 27.687, 312.846
Yxy	51.6538, 0.2990, 0.2742
Android (android.graphics.Color)	4291867876 (0xFFD0B4E4)
YUV	193.8440, 16.8389, 12.4148
Hunter-Lab	71.8706, 14.1476, -16.0167

Details

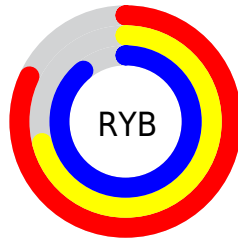
The XYZ color **56.3373, 51.6538, 80.3997** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.8027, 71.0627, 53.7469**, and the grayscale version is **51.0904, 53.7511, 58.5349**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **28.1726, 24.9296, 42.3568** is the 20% darker color. If you saturate the color by 10%, you get **49.5165, 41.8587, 78.8693**, and if you desaturate by 10%, it is **64.0784, 63.0499, 82.1922**.

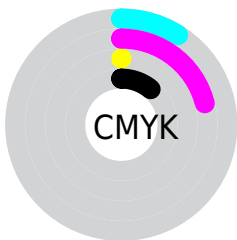
Distribution



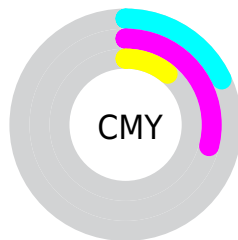
- Red (82%)
- Green (71%)
- Blue (89%)



- Red (82%)
- Yellow (71%)
- Blue (89%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)





- Cyan (18%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3373, 51.6538, 80.3997 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.3373, 51.6538, 80.3997 by changing the saturation by 10% instead.


 56.3373, 51.6538,
80.3997

 56.3373, 51.6538,
80.3997

401.0159,
393.0986, 516.0211

 40.7115, 36.7292,
59.5192

 98.6345, 92.6205,
135.7440

 28.2804, 24.9979,
42.6085


126.0366,
119.4313, 171.0449

 18.6787, 16.0755,
29.2489


158.0949,
150.9731, 211.9897

 11.5409, 9.5776,
19.0220

195.1747,
187.6301, 258.9970

 6.5019, 5.1198,
11.5092

237.6413,
229.7867, 312.4852

 3.1961, 2.3177,
6.2920

285.8601,

 1.2583, 0.7831,

277.8274, 372.8729

2.9518

340.1965,
332.1366, 440.5787

■ 0.1517, 0.0000,
1.0701

■ 0.0000, 0.0000,
0.0000

■ 56.3373, 51.6538,
80.3997

■ 56.3373, 51.6538,
80.3997

■ 49.5165, 41.8587,
78.8693

■ 64.0784, 63.0499,
82.1922

■ 43.5715, 33.5827,
77.5852

■ 72.7721, 76.1107,
84.2550

■ 38.4608, 26.7462,
76.5350

■ 82.4550, 90.9045,
86.6001

■ 34.1376, 21.2598,
75.7039

■ 87.7708, 96.7149,
87.4414

■ 30.5497, 17.0237,
75.0754

■ 91.0037, 98.3815,
87.5927

■ 27.6377, 13.9235,
74.6304

■ 25.3309, 11.8229,
74.3466

■ 23.6764, 10.5879,
74.1954

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3903, 51.6538, 89.6668



56.3373, 51.6538, 80.3997



59.4626, 51.6538, 65.2724

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3373, 51.6538, 80.3997



52.1548, 51.6538, 32.7597



39.8369, 51.6538, 62.9662

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.3373, 51.6538, 80.3997



59.8027, 71.0627, 53.7469

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.0092, 51.6538, 48.0858



56.3373, 51.6538, 80.3997



46.8699, 51.6538, 32.3664

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3373, 51.6538, 80.3997



56.9314, 51.6538, 38.6774



42.5023, 51.6538, 37.4846



42.0135, 51.6538, 78.4525

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3373, 51.6538, 80.3997



59.9635, 51.6538, 54.8089



42.5023, 51.6538, 37.4846



39.6268, 51.6538, 57.7003

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.3389, 51.6560, 80.4008



88.0552, 89.4346, 107.2293



53.6679, 56.9868, 81.5706



18.6904, 18.9069, 22.9143



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.3389, 51.6560, 80.4008



68.8691, 61.1563, 102.7823



61.8809, 54.5639, 78.3626



14.3843, 14.3003, 18.1464



13.8095, 6.1849, 42.8491



1.1257, 0.5113, 3.1713

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.7431, 53.3087, 61.8392



72.5558, 63.6829, 74.6694



55.1356, 68.6187, 55.2500



14.6248, 14.4671, 16.2247



19.7238, 10.0237, 7.4405



1.5029, 0.7589, 0.7890

Previews

White Background



This preview shows how the XYZ color 56.3373, 51.6538, 80.3997 looks on a white background.

Color Contrast Check

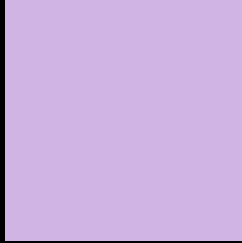
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.3373, 51.6538, 80.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3373, 51.6538, 80.3997

Background



This preview shows how black text looks on a background with the XYZ color 56.3373, 51.6538, 80.3997.



This preview shows how white text looks on a background with the XYZ color 56.3373, 51.6538,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.3373, 51.6538, 80.3997

Protanopia

51.8713, 52.0390, 85.1525

Deuteranopia

52.9099, 51.7402, 79.8713



Tritanopia

52.6761, 51.7054, 61.8474

Trichromacy



Original Color

56.3373, 51.6538, 80.3997

Protanomaly

53.3596, 51.8912, 83.5476

Deuteranomaly

54.0316, 51.6973, 79.8039

Tritanomaly

53.7432, 51.4993, 68.0805

Monochromacy



Original Color

56.3373, 51.6538, 80.3997

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8914, 52.9935, 65.8336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3373, 51.6538, 80.3997 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 180, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 180, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 180, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 180, 228) }
```

Border

The CSS property to change the border of an element to XYZ 56.3373, 51.6538, 80.3997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 180, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 180, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 180, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 180, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 180, 228);  
box-shadow:4px 4px 4px 4px rgb(208, 180,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3373, 51.6538, 80.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 180, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
180, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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